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PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,

Elvis De La Cruz

Printed name of person mailing correspondence

Signature of person mailing correspondence

Substitute Form PTO 1390 U.S. Department of Commerce Patent and Trademark Office

Attorney Docket Number: 50393/002001

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371

U.S. Appresion 19524518

	CONCERNING A	FILING	JNDER 35 U.S.C. § 37 I	10,2471					
INTERNATIONAL APPLICATION NUMBER			INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
PCT/GB 03/03575			August 14, 2003	August 14, 2002					
TITLE OF INVENTION: KIDNEY F			FORMATION						
APPLICANTS FOR DO/EO/US: BOTTOM			LEY ET AL.						
Applic	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1.									
2.	□ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.								
3.	▼ This is an express request to begin national examination procedures (35 U.S.C. § 371(f)).								
4.	■ The U.S. has been elected.								
5.	A copy of the International Application (35 U.S.C. § 371(c)(2)).								
6.	An English language translation of the International Application into English (35 U.S.C. § 371(c)(2)).								
	□ a. is transmitted herewith. □ b. has been previously submitted under 35 U.S.C. 154(d)(4).								
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).								
	 □ a. are transmitted herewith (required only if not transmitted by the International Bureau). □ b. have been transmitted by the International Bureau. □ c. have not been made; however, the time limit for making such amendments has NOT expired. ☑ d. have not been made and will not be made. 								
8.	□ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).								
9.	☑ An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)). (unsigned)								
10.	□ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371 (c)(5).								
11.	☑ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.								
12.	□ An assignment for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 is included.								
13.	A preliminary amendment.								
14.	□ A substitute specification.								
15.	■ A power of attorney and/or change of address letter.								
16.	□ Request for Deferred Examination.								
17.	Application Data Sheet.								
18.	□ Other items or information: ;								
-									

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19.	■ The follo	■ The following fees are submitted:					130524518	
Basic National Stage Fee \$300						\$300.00		
Natio	nal Stage Se	arch	Fee: \$500	\$400.00				
Natio	nal Stage Exa	amin	ation Fee: \$200	\$200.00				
			furnishing the oath ority date (37 C.F.I	\$				
CLAIMS			NUMBER FILED	NUMBER EXTRA	RATE			
Total claims			47 - 20 = 27		x \$50	\$1,350.00		
Independent claims		s	4 - 3 = 1		x \$200	\$ 200.00		
Multiple dependent claims (if applicable) + \$360						\$		
100 s electr fraction	heets (exclud onic medium on thereof.	ling :). Th	sequence listing of the fee is \$250 for 6	pecification and drawings of computer program listing each additional 50 sheets	i filed in an of paper or			
TOTA	AL SHEETS	E	CTRA SHEETS	Number of each additional 50 sheets or fraction thereof (round up to a whole number)	RATE			
	-100=		/50=		X\$250	\$		
				\$ 2,450.00				
Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status under 37 C.F.R. § 1.27.						\$1,225.00		
				\$1,225.00				
			0.00 for furnishing to st claimed priority of	\$				
				\$				
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.						\$		
TOTAL FEES ENCLOSED =						\$1,225.00		
						Amount to be refunded	\$	
						charged	\$	

a. A check in the amount of \$1,225.00 to cover the above fees is enclosed.

□ b. Please charge my Deposit Account No. 03-2095 in the amount of \$ [**] to cover the above fees.

∞ c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2095.

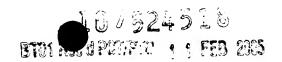
NOTE: Where an appropriate time limit under 37 C.F.R. §§ 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Paul T. Clark Clark & Elbing LLP 101 Federal Street Boston, MA 02110-2214

Telephone: 617-428-0200 Facsimile: 617-428-7045 Customer No.: 21559 Signature

Paul T. Clark Reg. No. 30,162



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Elvis De La Cruz

Printed name of person mailing correspondence

Signature of person mailing correspondence

APPLICATION

FOR

UNITED STATES LETTERS PATENT

APPLICANTS

MARTYN J. BOTTOMLEY, CHRISTOPHER A.

BRAVERY, MARC CLANCY, DAMIAN P.

MARSHALL, AND RICHARD G. WOLOWACZ

TITLE

KIDNEY FORMATION